

METHOD AND APPARATUS FOR  
MONITORING HYDROGEN-CONTAINING GAS STREAM

Abstract of the Invention

5 A method and apparatus for monitoring hydrogen  
and optionally a non-hydrogen gas including carbon  
monoxide. The method and apparatus includes a sensor  
assembly consisting of a plurality of electrochemical cells  
sequentially arranged in a path of the hydrogen-containing  
gas stream. Reaction and consumption of hydrogen at  
10 catalytically reactive surface areas of the cells generates  
a current which is proportional to the amount of hydrogen  
in the gas stream entering the sensor.

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